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From: **Frank L. Bernstein** Date: **March 1, 2005**  
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**Message:**

APPLICANT : **Lorna Anne EVERALL et al.**  
SERIAL NO. : **10/665,840**  
FILING DATE : **September 19, 2003**  
FOR : **OPTICAL INTERROGATION SYSTEM AND SENSOR  
SYSTEM**  
GROUP ART UNIT : **2877**  
EXAMINER : **TU T. NGUYEN**  
CONFIRMATION NO. : **6046**

**PAPER ENTITLED: Response Under 37 C.F.R. §1.111**

**7 pages**

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PATENT

Attorney Docket No.: 13302/2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. : 10/665,840 Confirmation No. 6046  
Applicant : Lorna Anne EVERALL et al.  
Filed : September 19, 2003  
Title : OPTICAL INTERROGATION SYSTEM AND SENSOR SYSTEM  
TC/A.U. : 2877  
Examiner : Tu T. NGUYEN

**RESPONSE UNDER 37 C.F.R. §1.111**

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The remarks below are respectfully submitted in response to the Office Action dated December 14, 2004.

**REMARKS**

Preliminarily, Applicants note that they filed a certified copy of the priority document by paper dated February 22, 2005. Applicants respectfully request that, in the next communication, the Examiner acknowledge receipt of the certified copy.

Claims 1-20 are pending in the application. The Examiner has rejected claims 1-20 under 35 U.S.C. §103(a) as being unpatentable over USP 6,571,027 (Cooper). Applicants respectfully traverse this rejection, and request reconsideration and allowance of the claims in view of the following arguments.

Looking at the prior art, Cooper teaches a system comprising an optical pulse source and an array of Bragg gratings with provision for gating and amplifying pulses selectively, and (importantly) separately.

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